
 <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p>			Complete if Known		
			Application Number	09/110,717	
			Filing Date	07/07/1998	
			First Named Inventor	Mills	
			Group Art Unit	1745	
			Examiner Name	Kalafut	
Sheet	1	of	34	Attorney Docket Number	

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite. No.	U.S. Patent Document		Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code* (if known)			
SJK		3,253,884		Jung, et al.	05-31-1966	
		3,462,622		Cann et al.	08-1969	
		4,000,036		Ensley	12-1976	
		4,095,118		Rathbun	06-1978	
		4,149,931		Christensen	04-1979	
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		4,337,126		Gilligan, III et al.	06-29-1982	
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OK		5,449,434		Hooke et al.	09-1995	
OK		5,577,090		Moses	11-1996	

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3) ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet	2	of	34	Attorney Docket Number	100.1.13

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		Number	Kind Code ² (if known)			
SK		5,593,640		Long, et al.	01-14-1997	
		5,669,975		Ashtiani	09-1997	
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		6,151,532		Barone et al.	11-2000	


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		Number	Kind Code** (if known)			
SK		6,444,137		Collins et al.	09-2002	
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		2001/0007725		Faris et al.	07-2001	
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SJK		2002/0133326		Chung et al.	09-2002	

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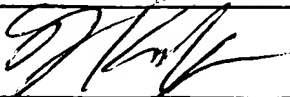
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PTO/SB/08A (Modified)

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Sheet	4	of	24	Attorney Docket Number	

FOREIGN PATENT DOCUMENTS							
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		Office ³	Number ⁴	Kind Code ⁵ (if known)			
OK		WO	99/05735	A1	Mills	03-04-1999	
		WO	99/26078	A1	Mills	5-27-1999	
		WO	99/34322	A1	Mills	7-8-1999	
		WO	99/35698	A3	Mills	07-15-1999	
		WO	00/07931	A1	Mills	02-17-2000	
		WO	00/07932	A2	Mills	2-17-2000	
		WO	00/25320	A1	Davies	05-04-2000	
		WO	01/095944	A2	Mills	12-20-2001	
		WO	01/18948	A1	Mills	3-15-2001	
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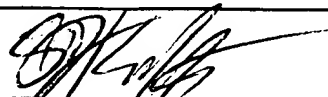
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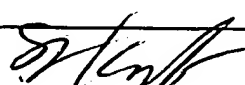
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
OK		WO	02/087291	A2	Mills	10-31-2002		
		WO	02/088020	A2	Mills	11-7-2002		
		WO	02/16956	A1	Mills	2-28-2002		
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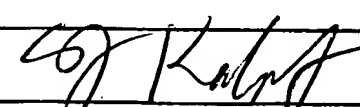
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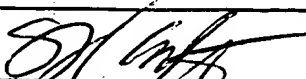
Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
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Sheet	6	of	24	Attorney Docket Number	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examine r Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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OK		"Atomic Physics Progress Report 1995-1996" (internet page) atompc2.fysik.lth.se/AFDOCS/Progrep956/contents.asp (author and date unknown)	
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OK		Baard, Erik. "The Empire Strikes Back." <i>The Village Voice</i> , April 26-May 2, 2000	
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OK		Baard, Erik, "Hydrino Theorist Gets Nod From NASA-Funded Investigation Eureka?", <i>The Village Voice</i> , Dec. 6, 2002	
OK		Barmann et. al. "Spatially and Temporally Resolved Studies of the Electron Density in Liquid Streamers by Emission Spectroscopy" (Internet page) atompc2.fysik.lth.se/AFDOCS/Progrep956/5a1.htm (Atomic Physics Progress Report) (1995-1996) (MARCH 1997)	
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SK		"The Biggest Venture Capital Conference of the Year is Quickly Approaching," Special to Evening Bulletin 09/29/2006, < http://www.theeveningbulletin.com/site/news.cfm?newsid=17263371&BRD=2737&PAG=461 >	(SPT 2006)
SK		"Blacklight Power - do they have something significant?" (internet page) www.phact.org/e/blp.htm (author and date unknown)	
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SK		Brewer, Shelby T. Book review of "The grand Unified Theory of Classical Quantum Mechanics (Hardcover) by Randell L., Dr. Mills." (internet page) http://www.amazon.com/gp/product/product-description/0963517139/ref=dp_proddesc_0/103-5711659-8507030 (date unknown)	
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		Chemistry Course Listings in MIT OpenCourseWare. MIT 2005. http://ocw.mit.edu/Ocw/Web/Chemistry/index.htm	
		"The Chemistry of Halogens," http://chemed.chem.purdue.edu/genchem/topicreview/bp/ch10/group7.html	
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OK		CiteSeer, "Citations: Observation of Extreme Ultraviolet Hydrogen Emission from Incandescently Heated Hydrogen Gas with Strontium that Produced an Anomalous Optically Measured Power Balance," Int. J. Hydrogen Energy 26 (4) 2001, pg. 309-326 (NO DATE)		
		Clark, et. al. "Excess Energy Cell Final Report," April 1995.		
		Collins, "Selling the Free Lunch," Scientific American, (Nov, 2002)		
OK		Conrads, et. al. "Emission in the Deep Vacuum Ultraviolet from an Incandescently Driven Plasma in a Potassium Carbonate Cell", <i>Plasma Sources Science and Technology</i> , submitted. (NO DATE)		
OK		Conversion Table cgs/SI-Units. www.plasmaphysics.org.uk/convers.htm (NO DATE)		
OK		Directory: Blacklight Power, From PESWiki "A Top 100 Energy Technology." <http://peswiki.com/index.php/Directory:Blacklight_Power> (NO DATE)		
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OK		EarthTech Reports, http://www.earthtech.org/experiments/blp/prelim.html (DEC/1997)		
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OK		Evans, et. al. "XPS/ESCA Results." CE & A Number 44545, Nov 1994.	
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OK		Fan et al., "X-ray photoelectron spectroscopy studies of CVD diamond films", <i>Surface and Interface Analysis</i> , 34:703-707, 2002 (NO MONTH)	
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		Haus, "On the radiation from point charges." <i>American Journal of Physics</i> , Vol 54, No 12, December 1986. Pp. 1126-1129.	
		He-II in Solar Spectrum	
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		http://omm.hut.fi/optics/_o/2004/luonnet/spectroscopy.pdf	
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OK		"Hydrino Theory," < http://en.wikipedia.org/wiki/hydrino_theory > (NO DATE)	
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		Group Art Unit	1745		
		Examiner Name	Kalafut		
Sheet	12	of	34	Attorney Docket Number	

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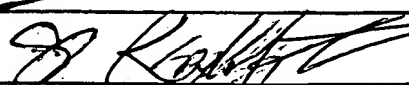
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Sheet	13	of	37	Attorney Docket Number	

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Sheet	14	of	24	Attorney Docket Number	

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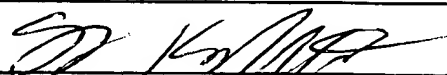
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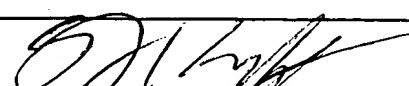
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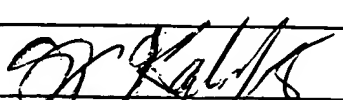
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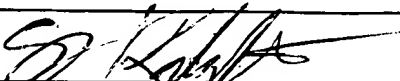
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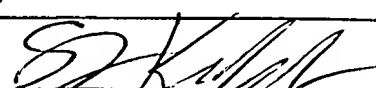
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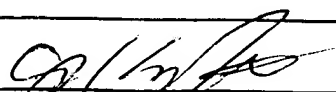
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		Group Art Unit	1745		
		Examiner Name	Kalafut		
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		68. Mills, et. al. "Stationary Inverted Balmer and Lyman Populations for a CW HI Water-Plasma Laser." IEEE Transactions on Plasma Science, submitted. (Internet Publication Date: August 16, 2002)	
		67. Mills et al., "Extreme Ultraviolet Spectroscopy of Helium-Hydrogen Plasma," J. Phys. D, Vol. 36, (2003), pp. 1535-1542. (Internet Publication Date: July 17, 2002.)	
		66. Mills et al., "Spectroscopic Evidence for a Water-Plasma Laser," Europhysics Letters, submitted. (Internet Publication Date: Sept. 19, 2002.)	
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		63. Mills et al., "Plasma Power Source Based on a Catalytic Reaction of Atomic Hydrogen Measured by Water Bath Calorimetry," Thermochemica Acta, Vol. 406, Issue 1-2, (2003), pp. 35-53. (Internet Publication Date: June 25, 2002.)	
		62. Mills et al., "Synthesis and Spectroscopic Identification of Lithium Chloro Hydride," Inorganica Chimica Acta, submitted.	
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		60. Mills et al., "Synthesis of HDLC Films from Solid Carbon," Journal of Materials Science, Vol. 39, (2004), pp. 3309-3318. (Internet Publication Date: May 3, 2002.)		
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		56. R. M. Mayo, R. Mills, "Direct Plasmadynamic Conversion of Plasma Thermal Power to Electricity for Microdistributed Power Applications," 40th Annual Power Sources Conference, Cherry Hill, NJ, June 10-13, (2002), pp. 1-4. (Internet Publication Date: March 28, 2002.)		
		55. Mills et al., "Chemically-Generated Stationary Inverted Lyman Population for a CW THz Laser," European J of Phys. D, submitted. (Internet Publication Date: April 22, 2002.)		
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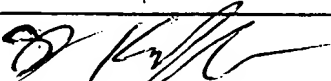
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		52. Mills et al., "Bright Hydrogen-Light Source due to a Resonant Energy Transfer with Strontium and Argon Ions," <i>New Journal of Physics</i> , Vol. 4, (2002), pp. 70.1-70.28. (Internet Publication Date: October, 2002)		
		51. Mills et al., "CW HI Laser Based on a Stationary Inverted Lyman Population Formed from Incandescently Heated Hydrogen Gas with Certain Group I Catalysts," <i>IEEE Transactions on Plasma Science</i> , Vol. 31, No. 2, (2003), pp. 236-247. (Internet Publication Date: Feb. 4, 2002.)		
		50. Mills et al., "Spectral Emission of Fractional Principal Quantum Energy Level Atomic and Molecular Hydrogen," <i>Vibrational Spectroscopy</i> , Vol. 31, No. 2, (2003), pp. 195-213.		
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		42. Mills et al., "A Comprehensive Study of Spectra of the Bound-Free Hyperfine Levels of Novel Hydride Ion, Hydrogen, Nitrogen, and Air," <i>Int. J. Hydrogen Energy</i> , Vol. 28, No. 8, (2003), pp. 825–871. (Internet Publication Date: Nov. 14, 2001.)		
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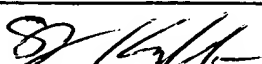
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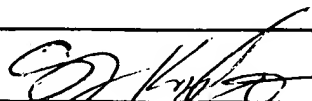
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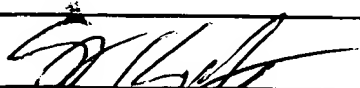
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		12. Mills et al., "Formation of a Hydrogen Plasma from an Incandescently Heated Hydrogen-Catalyst Gas Mixture with an Anomalous Afterglow Duration," Int. J. Hydrogen Energy, Vol. 26, No. 7, July, (2001), pp. 749-762. (Internet Publication Date: June 28, 2000.)	
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Sheet	31.	of	37	Attorney Docket Number	

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Examine r Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
OK		Mills, "Author's response 'A possible trick of Hydride atom'," <i>International Journal of Hydrogen Energy</i> , Vol 26, 2001, p. 1225. (NO MONTH)	
OK		Mills, "BLACKLIGHT POWER TECHNOLOGY: A New Clean Energy Source with the Potential for Direct Conversion to Electricity," <i>International Conference on Global Warming and Energy Policy</i> , Ft. Lauderdale, Florida, November 26-28, 2000. Internet Publication 1/19/01	
		Mills, "Hydro catalysis Power Technology," Statement of Dr. Randell L. Mills, May, 1993.	
OK		Mills, "The Grand Unified Theory of Classical Quantum Mechanics," pp. 1-9 (NO DATE)	
		Mills, "Unification of Spacetime, the Forces, Matter, Energy," Hydro catalysis Power Corporation," 1992, pp. 53-84.	
		Mills, "Author's response to 'Hydrino atom: novel chemistry or invalid physics'," <i>International Journal of Hydrogen Energy</i>, Vol 26, 2001, pp. 1233.	
OK		Mills, "Author's response to 'Hydrino theory- a proposed amendment'," <i>International Journal of Hydrogen Energy</i> , Vol 26, 2001, pp. 1229-1231. (NO MONTH)	
OK		Mills, "Power Spectrum of the Cosmic Microwave Background" <i>BlackLight Power, Inc.</i> 2001. (NO MONTH)	
		Mills, "The Grand Unified Theory of Classical Quantum Mechanics," pp. 13-14, BlackLight Power, Inc., pp. 433-440, 2001.	
Examiner	[Signature]		Date
			12/11/01

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		Application Number	09/110,717
		Filing Date	7/7/98
		First Named Inventor	Mills
		Group Art Unit	1745
Examiner Name	Kalafut		
Sheet 132	of 34	Attorney Docket Number	

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
OK		ABELÈS, Ed., Chapter 9, "Structure of Trapped Electron and Trapped Hole Centers in Alkali Halides 'Color Centers'", <i>Optical Properties of Solids</i> , 1972, pp. 718-754, North-Holland Publishing Company, Amsterdam	
OK		DELBECQ <i>et al.</i> , "Pragmatic Resonance Investigation of Irradiated KCl Crystals Containing U-Centers", <i>Phys. Rev.</i> , Nov. 1, 1956, 104, pp. 599-604	
OK		DÖTSCH <i>et al.</i> , "Localized Vibrations of H ⁺ and D ⁺ Ions in NaF and LiF", <i>Solid States Communications</i> , 1965, 3, pp. 297-298	
OK		RAUCH <i>et al.</i> , "Some F-Band Optical Oscillator Strengths in Additively Colored Alkali Halides", <i>Physical Review</i> , Feb. 1, 1957, 105, pp. 914-920	
OK		FISCHER <i>et al.</i> , "Sh ⁻ , S ⁻ Und S ⁻ -Zentren In KCl-Kristallen", <i>Physics Letters</i> , Oct. 27, 1964, 13, pp. 113-114	
OK		FRIED <i>et al.</i> , "Solution for the Two-Electron Correlation Function in a Plasma", <i>The Physical Review</i> , Apr. 1, 1961, 122, pp. 1-8	
OK		ALGER <i>et al.</i> , "F Centers in Pure and Hydride-Containing Alkali Halide Crystals", <i>Physical Review</i> , Jan. 15, 1955, 97, pp. 277-287	
OK		SCHEARER <i>et al.</i> , "Microwave Saturation of Paraelectric-Resonance Transitions of OH ⁺ Ions in KCl", <i>Solid State Communications</i> , 1966, 4, pp. 639-642	
OK		KERKHOFF <i>et al.</i> , "Elektronenspin-Resonanz und Photochemie des U ₂ -Zentrums in Alkalihalogenid-Kristallen", <i>Zeitschrift für Physik</i> , 1963, 173, pp. 184-202	
OK		KERKHOFF, "Zum photochemischen Verhalten sauerstoffhaltiger Komplexe in Alkalihalogenidkristallen", <i>Zeitschrift für Physik</i> , 1960 158, pp. 595-606	

Examiner Signature		Date Considered	12/1/07
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CITES on PAGES 32-34 ARE OF RECORD IN
PARENT CASE 09/009294, AND ARE THUS PROPERLY
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		Application Number	09/110,717
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		First Named Inventor	Mills
		Group Art Unit	1745
		Examiner Name	Kalafut
Sheet 233	of 34	Attorney Docket Number	

OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS			
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SK		FISCHER, "Die optische Absorption der U ₂ -Zentren in Alkalihalogeniden des BaCl-Typs", <i>Zeitschrift für Physik</i> , 1967, 204, pp. 351-374	
SK		MARTIENSSEN, "Photochemische Vorgänge in Alkalihalogenidkristallen", <i>Zeitschrift für Physik</i> , 1952, 131, pp. 488-504	
SK		THOMAS, "Zur Photochemie des KH-KBr-Mischkristalles", <i>Annalen der Physik</i> , 1940, 38, pp. 601-608	
SK		HILSCH, "Über die Diffusion und Reaktion von Wassestoff in KBr-Kristallen", <i>Annalen der Physik</i> , 1937, 40, pp. 407-420	
SK		V. LÜPKE, "Über Sensibilisierung der photochemischen Wirkung in Alkalihalogenidkristallen", <i>Annalen der Physik</i> , 1934, 21, pp. 1-14	
SK		BÄUERLE <i>et al.</i> , "Infared Vibrational Absorption by U-Centers in NaI", <i>Phys. Stat. Sol.</i> , 1967, 24, pp. 207-215	
SK		FRITZ <i>et al.</i> , "Infared Absorption and Anharmonicity of the U-Centre Local Mode", <i>Phys. Stat. Sol.</i> , 1965, 11, pp. 231-239	
SK		KLEINSCHROD, "Photochemische Zersetzung von KH und KD in KBr-Kristallen", <i>Ausgegeben</i> , Jan, 5, 1939, pp. 143-148	
SK		HILSCH, "Eine neue Lichtabsorption in Alkalihalogenidkristallen", <i>Fachgruppe II</i> , pp. 322-328	
SK		FRITZ, "Anionlücken und Zwischengitterionen in Alkalihalogenid-Alkalihydrid-Mischkristallen", <i>J. Phys. Chem. Solids</i> , 1962, 23, pp. 375-394, Pergamon Press, Great Britain	

Examiner Signature	<i>[Signature]</i>	Date Considered	12/11/87
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Sheet

34

of

34

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